

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>06309 USA</b>
INTERNATIONAL APPLICATION NO. <b>PCT/GB2003/005064</b>		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/534781</b>
INTERNATIONAL FILING DATE <b>20 November 2003</b>		PRIORITY DATE CLAIMED <b>20 November 2002</b>
TITLE OF INVENTION <b>Volume Flow Controller</b>		
APPLICANT(S) FOR DO/EO/US <b>Neil Alexander Downie</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
a. <input type="checkbox"/> is attached hereto.		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).		
20. <input checked="" type="checkbox"/> Other items or information: <small>Unexecuted declaration; PCT/IB/304; U.S. Express Mail Transmittal EL685515283US; Return Receipt Postcard</small>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/534781</div>		INTERNATIONAL APPLICATION NO. PCT/GB2003/005064		ATTORNEY'S DOCKET NUMBER 06309 USA													
21. <input type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">CALCULATIONS</th> <th colspan="2" style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td style="width: 10%;"></td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 40%;"></td> </tr> <tr> <td>\$</td> <td>950</td> <td></td> <td></td> </tr> </table>		CALCULATIONS		PTO USE ONLY						\$	950		
CALCULATIONS		PTO USE ONLY															
\$	950																
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">\$</td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 40%;"></td> </tr> </table>		\$											
\$																	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE														
Total claims	39 - 20 =	19	X \$18.00	\$	342												
Independent claims	5 - 3 =	2	X \$88.00	\$	176												
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	\$													
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1468												
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">\$</td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 40%;"></td> </tr> </table>		\$											
\$																	
<b>SUBTOTAL =</b>				\$	1468												
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">\$</td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 40%;"></td> </tr> </table>		\$											
\$																	
<b>TOTAL NATIONAL FEE =</b>				\$	1468												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">\$</td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 40%;"></td> </tr> </table>		\$											
\$																	
<b>TOTAL FEES ENCLOSED =</b>				\$	1468												
				Amount to be refunded:	\$												
				Amount to be charged:	\$												
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>01-0493</u> in the amount of \$ <u>1468</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>01-0493</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																	
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																	
SEND ALL CORRESPONDENCE TO:																	
Customer Number: 23543			<div style="text-align: center;">          SIGNATURE          Willard Jones, II          NAME          31,172          REGISTRATION NUMBER       </div>														

10/534781

JC06 Rec'd PCT/PTO 13 MAY 2005

Attorney Docket Number : 06309 USA  
Applicant : Downie, Neil Alexander  
Title : Volume Flow Controller

The following papers are submitted for the above-identified invention for entry into the U.S. National stage under 35 U.S.C. 371, based on the International Application No. PCT/GB2003/005064:

1. Transmittal Letter with Calculation Sheet, in duplicate
2. Unexecuted Declaration
3. Copy of PCT/IB304
4. Correspondence of Claims for Entry Into National Phase in USA and Claims as Appended to IPER
5. Return Receipt Postcard

**Express Mail Label No. EL685515283US**  
**Date of Deposit : 05/13/05**

I certify that the above-identified documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, under 37 CFR 1.10, on the date indicated above and is addressed to:

Mail Stop PCT  
Commissioner for Patents  
P. O. BOX 1450  
Alexandria, VA 22313-1450

Willard Jones, II

(Type or print name of person mailing paper)



Signature of person mailing paper